Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Currently amended) A method of processing an application request on an end user application and an application server including a mapping support language comprising:

a)   initiating the application request on the end user application in a first language with a first application program, wherein the end user application is a web browser;

b)   transmitting the application request to the server and converting the application request from the first language of the first end user application to a form for the mapping support language running on the application server, wherein the end user application is connected to the application server through a web server, and the web server comprises a connector;

c)   processing said application request on the application server;

d)   transmitting a response to the application request from the application server to the end user application, and converting the response to the application request from the mapping support language running on the application server to the first language of the first end user application; and

e)   wherein the connector comprises invocation and transformation capabilities, wherein the connector comprises a language metamodel to define data structures that represent connector interfaces, wherein the language metamodel indicates a source language, a target language, and a mapping between the source language and the target language, wherein the

language metamodel comprises declaration text that is not editable, wherein the connector comprises a type descriptor metamodel that language neutral and that defines a physical realization, a storage mapping, and a plurality of constraints, wherein the type descriptor metamodel provides a physical representation of individual fields of a given data structure, wherein the type descriptor metamodel provides data types mapping between languages, wherein the connector comprises invocation metamodel data, application domain interface metamodel data, transaction message metamodel data, and type descriptor metamodel data, wherein the connector is configured to (i) convert the application request from the first language of the first end user application as a source language to the language running on the application server as a target language, and (ii) convert a response to the application request from the language running on the application server as a source language to the first language of the first end user application as a target language, each comprise:

        1)   invoking connector metamodels of respective source language and target mapping support language;

        2)   populating the connector metamodels with metamodel data of each of the respective source language and target mapping support language, the metamodel data of the target mapping support language including a map, a mapset, and a mapfield, wherein the mapset comprises a plurality of programming attributes, wherein the programming attributes comprise a storage operand that varies based on a language of an application program; and

        3)   converting the source language to the mapping support language.

2-4.   (Canceled)

5.   (Currently amended) A computer-implemented transaction processing system comprising a client, a server, and at least one connector therebetween,

a)   the client having an end user application, and being controlled and configured to initiate an application request with the server in a first language with a first application program and to transmit the application request to the server, wherein the end user application is a web browser, wherein the end user application is connected to the application server through a web server, and the web server comprises an connector;

b)   the connector being configured and controlled to receive the application request from the client, convert the application request from the first language of the first end user application running on the client to a language and a mapping support language running on the server;

c)   the server being configured and controlled to receive the converted application request from the connector and processing the said application request in a second language with a second application program residing on the server, and to thereafter transmit a response to the application request through the connector back to the first application program on the client;

d)   the connector being configured and controlled to receive a response to the application request from the server, to convert a response to the application request from the language running on the application server to the first language of the first application program running on the client; and

e)   wherein the connector comprises invocation and transformation capabilities, wherein the connector comprises a language metamodel to define data structures that represent

connector interfaces, wherein the language metamodel indicates a source language, a target language, and a mapping between the source language and the target language, wherein the language metamodel comprises declaration text that is not editable, wherein the connector comprises a type descriptor metamodel that language neutral and that defines a physical realization, a storage mapping, and a plurality of constraints, wherein the type descriptor metamodel provides a physical representation of individual fields of a given data structure, wherein the type descriptor metamodel provides data types mapping between languages, wherein connector between the client and the server is configured and controlled to (i) convert the application request from the first language of the client application on the client as a source language to the language running on the application server as a target language, and (ii) convert the response to the application request from the language running on the application server as a source language to the first language of the client application running on the client as a target language, each by a method comprising the steps of:

       1)   retrieving connector metamodels of respective source and target languages and target mapping support language from a metamodel data repository, said mapping support language metadata including a map, a mapset, and a mapfield, wherein the mapset comprises a plurality of programming attributes, wherein the programming attributes comprise a storage operand that varies based on a language of an application program;

       2)   populating the connector metamodels with metamodel data from the metamodel data repository for each of the respective source and target languages; and

       3)   invoking the retrieved, populated connector metamodels and converting the source language to the target language.

6-7.   (Canceled)

8.   (Currently amended) A computer-implemented transaction processing system configured and controlled to interact with a client application, and comprising a server, and at least one connector between the server and the client application, where a client has an end user application, and is controlled and configured to initiate an application request with the server in a first language with a first application program and to transmit the application request to the server, wherein the client application is a web browser, wherein the client application is connected to the application server through a web server, and the web server comprises an connector, wherein:

a)   the connector being configured and controlled to receive the application request from the client, convert the application request from the first language of the first end user application running on the client to a language running on the server;

b)   the server being configured and controlled to receive the converted application request from the connector and process the said application request in a second language with a second application program and a target mapping support language residing on the server, and to thereafter transmit a response to the application request through the connector back to the first application program on the client;

c)   the connector being configured and controlled to receive the response to the application request from the server, to convert the response to the application request from the

language running on the application server to the first language of the first application program running on the client; and

  d) <u>wherein the connector comprises invocation and transformation capabilities, wherein the connector comprises a language metamodel to define data structures that represent connector interfaces, wherein the language metamodel indicates a source language, a target language, and a mapping between the source language and the target language, wherein the language metamodel comprises declaration text that is not editable, wherein the connector comprises a type descriptor metamodel that language neutral and that defines a physical realization, a storage mapping, and a plurality of constraints, wherein the type descriptor metamodel provides a physical representation of individual fields of a given data structure, wherein the type descriptor metamodel provides data types mapping between languages,</u> wherein connector between the client and the server is configured and controlled to (i) convert the application request from the first language of the client application on the client as a source language to the language running on the application server as a target language, and (ii) convert the response to the application request from the language running on the application server as a source language to the first language of the client application running on the client as a target language, each by a method comprising the steps of:

    1) retrieving connector metamodel data of respective source and target languages from a metamodel data repository;

    2) populating the connector metamodels with metamodel data of each of the respective source and target languages and target mapping support language, from the metamodel data repository, said target mapping support language metadata including a map, a mapset, and a

mapfield, wherein the mapset comprises a plurality of programming attributes, wherein the programming attributes comprise a storage operand that varies based on a language of an application program; and invoking the retrieved, populated connector metamodels; and

   3) converting the source language to the target language.

  9-12. (Canceled)